Amendments to the Specification:

Amend the title to read:

--RADIO BASE STATION SYSTEM, CHANNEL ALLOCATION METHOD AND CHANNEL ALLOCATION PROGRAM--.

Page 1, after the Title, please insert the following paragraph:

This application is a National Stage application of PCT/JP2004/002040, filed February 20, 2004, which claims priority from Japanese patent application JP 2003-087897, filed March 27, 2003. The entire contents of each of the aforementioned applications are incorporated herein by reference.

Amend the paragraph on page 1, lines 15-21, as follows:

Radio base stations, e.g., of the PHS (Personal Handyphone System) perform communications in a TDMA/TDD (Time Division Multiple Access/Time Division Duplex) method. In the TDMA/TDD method, one frame is formed of four pairs of slots of up and down links. Usually, a control channel is allocated to one of the four slot pairs, and traffic channels are allocated to the three slot pairs. Assuming that "C" represents the control channel, and "T" represents the traffic channel, the frame of the radio base station usually has a frame structure of 1C3T.

Amend the paragraph on page 10, lines 13-18, as follows:

Reception level obtaining unit 13a in master base station 1a and reception level obtaining unit ~~13a~~ 13b in slave base station 1b perform the same processing. Thus, reception level obtaining units 13a and 13b obtain demodulated data of signals, which are provided from demodulators 6a and 6b, and are received in the first reception slots, and determine whether the received data are link channel establishment request messages or not.

Amend the paragraph beginning on page 10, line 24, and ending on page 11, line 7, as follows:

Transient response ramp amplifier (R) is a signal for smoothing transient states of

rising and falling of the transmission signal. Start symbol (SS) is a signal for indicating start of the transmission signal. Preamble (PR) is a signal for producing the clock signal from the reception signal, and thereby establishing the bit synchronization between the base and mobile stations. Unique word (UW) is a signal for establishing the word synchronization. Channel control (CI) represents that this slot is used as a separate cell channel (SCCH), i.e., a channel for separate cell. Base station identification code (CS-ID) is a code allocated to each base station. Mobile station identification code (PS-ID) is a code allocated to each ~~base~~ mobile station. Message type included in the information bits represents that this message is the link establishment request message. Error check bits (CRC) are bits for detecting an error by a generating polynomial.

Amend the paragraphs on page 18, lines 9-28, as follows

When the minimum value of the measured interference levels of the second to fourth reception slots is larger than the predetermined threshold (step S410), traffic channel allocation control unit 20b measures the interference level of the first reception slot. When the interference level of the measured first reception slot is equal to or smaller than the predetermined threshold (step S412), traffic channel allocation control unit 20b controls signal processing unit 3b to allocate the traffic channel to the first slots (reception slot and transmission slot). When the traffic channel is allocated, traffic channel allocation control unit 20b notifies allocation result notifying unit ~~33~~ 32 in control device 30 of the fact that the traffic channel is allocated as well as the allocated slot number (= 1). Allocation result notifying unit ~~33~~ 32 provides information of the received notification to traffic channel allocation control unit 20a in master base station 1a (step S413).

When the measured interference level of the first reception slot is larger than the predetermined threshold (step S412), traffic channel allocation control unit 20b determines that the allocation is impossible. When it is determined that the allocation is impossible, traffic channel allocation control unit 20b notifies allocation result notifying unit ~~33~~ 32 in control device 30 of the result of determination that allocation of the traffic channel is impossible. Allocation result notifying unit ~~33~~ 32 provides information of the received notification to traffic channel allocation control unit 20a in master base station 1a (step S414).

Amend the paragraph on page 19, lines 7-12, as follows:

When traffic channel allocation control unit 20a determines that the allocation of the traffic channel in its own station is impossible, and when traffic channel allocation control unit 20a is notified by allocation result notifying unit ~~33~~ 32 in control device 30 of the result of determination that the allocation of the traffic channel is impossible in slave base station 1b, traffic channel allocation control unit 20a controls signal processing unit 3a to transmit a link channel allocation rejection message (step S416).